

MEDICAL SOCIETY OF THE STATE OF CALIFORNIA

JNO. C. KING, Banning, President.

A. B. GROSSE, San Francisco, First Vice-President.

J. HENRY BARBAT, San Francisco, Second Vice-President.

PHILIP MILLS JONES, Butler Building, San Francisco, Secretary

COUNCILORS

C. G. KENYON, San Francisco, Chairman.

A. B. GROSSE, San Francisco

(6th District)

(At Large, 1911)

T. C. EDWARDS, Salinas

ANTRIM EDGAR OSBORNE,

H. A. L. RYFKOGEL, San Francisco

(3d District)

(5th District)

(At Large, 1912)

E. N. EWER, Oakland

GEO. H. KRESS, Los Angeles

F. M. POTTENGER, Monrovia

(7th District)

(2d District)

(At Large, 1910)

A. H. MAYS, Sausalito

GEORGE H. AIKEN, Fresno

FRED BAKER, San Diego

(9th District)

(4th District)

(1st District)

JAS. H. PARKINSON, Sacramento.

(8th District)

CALIFORNIA STATE JOURNAL OF MEDICINE

BUTLER BUILDING, SAN FRANCISCO

CONTENTS -- Continued

The Making of a Health Officer. By Wm. C. Rucker, M. D.	155
The Obstetric Consultant. By E. M. Wilder, M. D.	158
Treatment of Rodent Ulcer. By D. Friedlander, M. D.	163
Association of Milk Commissions	163

RAILWAY SURGEONS.

Osteoplastic Operations in Pathologic Bone Cavities. By D. D. Crowley, M. D.	165
---	-----

Report of a Case of Aneurysm of the Abdominal Aorta, with Operation and Introduction of Wire. By J. H. O'Connor, M. D.	167
Hookworm Disease Among Mexican Track Laborers. By J. W. Colbert, M. D.	168
Department of Pharmacy and Chemistry. Edited by Fred I. Lackenbach	168
Proceedings of the San Francisco County Medical Society	170

SOCIETY REPORTS:

Alameda County	175
Butte County	175

Contra Costa County	175
Santa Clara County	175
Tulare County	176
Book Reviews	176
Regarding Malpractice Defense by the State Society	177
Corinna Borden Keen Research Fellowship of Jefferson Medical College	178
Micro-Organism Found in the Blood of Acute Cases of Poliomyelitis	178
New Members	178
Resigned	178
Deaths	178

LIVERMORE SANITARIUM

FOR GENERAL DISEASES is beautifully situated near the town of Livermore, 20 miles from San Francisco, and is surrounded by handsome grounds. It is isolated, the rooms are large and well furnished and the Sanitarium is specially adapted for the treatment of Neurasthenia, Nervous Dyspepsia, the Alcohol Habit and Morphomania. One building is especially adapted for Massage, Electricity, Hydrotherapy and Sun Bath. Terms, \$30.00 to \$75.00 per week.

THE DEPARTMENT FOR THE TREATMENT OF MENTAL DISEASES is entirely separated from the Sanitarium and is located in grounds absolutely private. The central building is surrounded by small cottages for the better segregation of patients. The best-trained nurses are employed and all modern appliances for the proper care of the insane have been provided. Absolutely no restraint nor enclosures for patients. Terms, \$25.00 to \$50.00 per week, depending upon the number of nurses required.

Address J. W. ROBERTSON, M. D.,
DRAWER S, LIVERMORE, CAL.

A. M. A. Principles of Ethics.

"It is equally derogatory to professional character for physicians to dispense or promote the use of secret remedies."

California State Journal of Medicine.

Owned and Published Monthly by the

Medical Society of the State of California

PHILIP MILLS JONES, M. D., Secretary and Editor

PUBLICATION COMMITTEE.

Langley Porter, M. D. Geo. H. Kress, M. D.
A. J. Lartigau, M. D. Raymond Russ, M. D.
R. E. Bering, M. D., Chairman Advertising Committee.

ADDRESS ALL COMMUNICATIONS

Secretary State Society, Butler Building,
State Journal, San Francisco.
Official Register,

Telephone Douglas 2537

IMPORTANT NOTICE!

All Scientific Papers submitted for Publication must be Typewritten.

Notify the office promptly of any change of address, in order that mailing list and addresses in the Register may be corrected.

VOL. IX

APRIL, 1911.

No. 4

EDITORIAL NOTES.

SPECIAL NOTICE

RAILROAD RATES AND TIME LIMITS.

The special rate of one and one-third fare for the round trip has been made for the Santa Barbara Meeting, April 18th, 19th and 20th. The sale dates for the going trip are April 8th to 21st, inclusive. For the return trip, reduced rate tickets will be sold for points south of Santa Barbara April 18th to 24th, inclusive, and to points north of Santa Barbara April 18th to May 1st, inclusive. These time limits will allow all those who wish to do so to take side trips from Santa Barbara before returning home.

The Annual meeting of the Medical Society of the State of California will be held this year at the Potter Hotel, Santa Barbara. An excellent program has been arranged by the Committee on Scientific Work, Dr. Lobingier, Chairman; this will be found on another page of this issue of the JOURNAL. Every County Society should be represented in the House of Delegates, as matters of importance will come before that body, and in these things the whole state is interested. The Society was never in so good a condition, both as to live interest and financially, as at the present time. Our latest venture, Medical Defense, is

working most satisfactorily and for more than a year and a half, every member of every county society has been amply protected. Other ways in which the State Society may be of use to its members will be brought forward and considered at this meeting, and a full attendance of delegates should be present to consider them and to explain these things to their respective societies. Through co-operation we can do a great deal for ourselves and each other; but it is difficult to co-operate if the other fellow stays at home instead of coming to the meeting and helping to thrash things out. The hotel is comfortable and the rates reasonable; the scientific program is good; our professional brethren of Santa Barbara have extended a most cordial welcome and we will certainly have a good meeting and a very pleasant time. Be sure and make it a point to attend the meeting; especially if you are a delegate.

For the last several years the hall of commercial exhibits has been one of the very interesting features of the meetings. This year THE A. M. A. will undoubtedly be no exception to the rule and already a large amount of space has been taken. It is quite possible that there are some of our Western manufacturers who have not yet realized the great advantage of these exhibits and have not as yet contracted for their space. If such there be, they should at once write to the American Medical Association, Will C. Braun, Superintendent of Exhibits, 535 Dearborn Avenue, Chicago, Ills., and secure contract blanks, diagrams, etc. This year the exhibit hall is particularly well adapted for the purpose and practically all the spaces for booths are well placed; in fact, all the space is good.

The Physicians' Defense Company, of Fort Wayne, Ind., has a "stock form" letter which it is sending out to former policyholders who, being members of the State Society, have decided not to contribute any longer to the profits of this company when they can be absolutely sure of getting full protection from the Society so long as they keep their dues paid up. The letter which the company sends is full of large sounding phrases—and a great deal of "taffy." Some of the statements, indeed, the company would find it exceedingly difficult to substantiate. We have no quarrel with this or with any other company. A great many instances in which it has been open to severe censure might be cited, but what is the use? All we ask is to be let alone so that we may quietly—and effectually—mind our own business and continue to defend, successfully, our members when they are sued for malpractice. To read the stuff

**PRELIMINARY PROGRAM OF THE
FORTY-FIRST ANNUAL MEETING OF THE MEDICAL SOCIETY OF THE STATE
OF CALIFORNIA, SANTA BARBARA.
APRIL 18TH, 19TH and 20TH, 1911.**

Notice: The meeting is to be held at the Hotel Potter where special rates on the American plan have been made for our members.

Railroad Rates. The usual rate of one and one-third fare for the round trip will be in force. Pay your full fare for the going ticket and be sure to get a receipt certificate, which must be signed by the Secretary at Santa Barbara. The return ticket will then be sold to you for one-third fare.

Reservations for rooms should be made as soon as possible so that the hotel may properly take care of your comfort. Address the Hotel Potter, Santa Barbara.

Remember the date—April 18th, 19th and 20th, 1911.

Session on Eye, Ear, Nose and Throat.

- "The Eye in Its Relation to General Medicine"
.....Dr. Herbert C. Moffitt, San Francisco
- "The Value of Wassermann Reaction for the
Eye, Ear, Nose and Throat Surgeon"
.....Dr. Kaspar Pischel, San Francisco
- "The Eye in Its Semeiological Aspect".....
.....Dr. William F. Blake, San Francisco
- "Report of a Case of Carcinoma of the Eye-lid"
.....Dr. Hugo A. Kiefer, Los Angeles
- "The Value of the Graphic Method in the
Study of Speech Defects".....
.....Dr. Henry Horn, San Francisco
- "Report of Case of Mikulicz Disease".....
.....Dr. James A. Black, San Francisco
- "A Résumé of the Modern Operative Proce-
dures of the Ear".....
.....H. B. Graham, San Francisco
- "Nerve Injections with Alcohol".....
.....Dr. H. S. Moore, San Francisco
- "Report of Cases of Removal of Foreign Bodies
from the Lungs," Dr. E. C. Sewall, San Francisco

Session on Internal Medicine.

- "Some Types of Intestinal Indigestion in Chil-
dren".....Dr. R. L. Porter, San Francisco
- "Intestinal Indigestion in Adults".....
Drs. E. Schmoll and W. C. Alvarez, San
Francisco.
- "Intestinal Indigestion from a Surgical Point
of View".....Dr. Rae Smith, Los Angeles
Discussion opened by Dr. Dudley Fulton,
- "The Experimental Basis for Vaccine Therapy"
.....Dr. F. P. Gay (by invitation)
Los Angeles.
- "Medical Aspects of Vaccine Therapy".....
.....Dr. Herbert C. Moffitt, San Francisco
- "Substances Derived from Leukocytes and Their
Protective Value".....
.....Dr. Hans Zinsser (by invitation)
- "The Wassermann Reaction in Various Dis-
eases".....Dr. H. R. Oliver, San Francisco
- "Clinical Types of Osteo Arthritis of the Spine"
.....Dr. C. M. Cooper, San Francisco
- "Arteriosclerosis; Review of Cases".....
.....Dr. Donald Frick, Los Angeles

- "The Relation of the Tonsils to Tubercle
Bacilli"...Dr. Carl C. Warden, Los Angeles
- "The Treatment of Hemoptysis in Tubercu-
losis"....Dr. Max. Rothschild, San Francisco
- "Relative Insufficiencies of the Myocardium"
.....Dr. H. D'Arcy Power, San Francisco
- "The Cell in Modern Medicine".....
.....Dr. Hoell Tyler, Redlands
- "Diseases of the Nose and Throat in Children
from the Viewpoint of the General Prac-
titioner".....Dr. N. H. Bullock, San Jose

Session on General Surgery.

- "The Surgical Significance of Papillodema"..
.....Dr. Leon W. Mansur, Los Angeles
- "The Diagnosis of Certain Peculiarly Situated
Intracranial Growths".....
.....Dr. Thomas J. Orbison, Los Angeles
- "The Indications, Technic and Results in De-
compressive Operations".....
.....Dr. Wallace I. Terry, San Francisco
- "Report upon Studies of Hydrocephalus, Cases
Number Two and Number Three".....
.....Dr. Harry M. Sherman, San Francisco
- "The Surgical Management of Subtentorial
Cysts and Tumors".....
..Dr. Andrew Stewart Lobingier, Los Angeles
Discussion opened by Dr. Stanley Stillman, San
Francisco.
- "Left Sided Colon; Failure of Rotation of the
Primary Gut".....
.....Dr. Emmet Rixford, San Francisco
- "Acute Hydro Nephrosis; Operation; Speci-
men"..Dr. William A. Edwards, Los Angeles
- "Intestinal Hemorrhage in Hernia".....
.....Dr. Rexwald Brown, Santa Barbara
- "Abdominal Pain; Its Significance and Treat-
ment".....Dr. C. P. Thomas, Los Angeles
- "Perforation of the Stomach Into the Trans-
verse Colon with Occlusion of the Upper
Portion of the Duodenum; Report of a
Case".....Dr. H. J. B. Wright, San Jose

Session on Nervous and Mental Diseases.

- "The Treatment of Tic in Children".....
.....Dr. E. C. Fleischner, San Francisco

- "Educational Methods in the Mentally Defective".....Dr. J. Ross Moore, Los Angeles
- "Mental Hygiene and Prophylaxis".....
.....Dr. G. V. Hamilton, Santa Barbara
- "State Hospital Care for Curable and State Farm Care of Incurable Alcohol and Drug Habitués".....Dr. A. W. Hoisholt, Stockton
- Discussion to be opened by Dr. C. L. Allen, Los Angeles.

Session on Obstetrics and Gynecology.

- "Pus Tube Complicated by Ectopic Gestation with Report of a Case".....
.....Dr. E. M. Lazard, Los Angeles
- "Prophylaxis of Toxemia During Pregnancy".....
.....Dr. Titian J. Coffey, Los Angeles
- "Caesarian Section; Report of a Series of Cases".....Dr. M. L. Moore, Los Angeles

At the time of writing the legislature has not adjourned and so it is not possible to give a final statement as to what occurred at Sacramento. Some things, however, can be foreshadowed.

LEGISLATIVE
HAPPENINGS.

Senator Hurd, of Los Angeles, appropriately representing the "Mecca of the quack" (no offense intended toward our Los Angeles physicians), announced his intention to "bust" the "medical trust." One must suspect that Senator Hurd is strongly influenced by the self-styled league for "medical freedom." At any rate, he introduced a number of amendments to the present law; and his bill was defeated. He then moved to reconsider and when it came to reconsideration, he amended everything out of the bill except a clause allowing the Governor to appoint the Board of Medical Examiners without any nominations from the various state societies. Some bills introduced by the board and prepared by the board's attorney, were so amended out of shape that it is the intention to allow them to die a quiet death. The anti-vaccinationists agreed with the State Board of Health upon a compromise law which was passed and signed by the Governor. In many ways it is as good as the old law and in some respects it is better; in all probability it will secure the vaccination of a larger number of children, in the long run. That notorious cancer quack of Oakland, Bohanon, had an amendment introduced through an influential attorney in Oakland, which would have licensed him to continue his lucrative occupation of gulling the unfortunate victim of cancer. Even if passed, the amendment was clearly unconstitutional. It stated, in effect, that any one who had successfully broken the law of the state for 15 consecutive years, should then be licensed for so-doing! And they say some people have no sense of humor!

Discussion to be opened by Dr. Charles A. Dukes, Oakland.

- "Uterine Displacements".....
.....Dr. Samuel H. Buteau, Oakland
- "Prevention of Post Obstetrical Lesions"....
.....Dr. David Hadden, Oakland
- Discussion to be opened by Dr. Henry P. Newman, San Diego.

Skin Diseases.

- "The Treatment of Epithelioma by Curetting, Followed by Cauterization with Chromic Acid and Later by Exposure to the X-Ray".....Dr. George D. Culver, San Francisco
- "The Skin as Affected by Internal Secretions".....
.....Dr. Henry E. Alderson, San Francisco
- "Geographic Influences in the Etiology of Skin Diseases".....Dr. E. D. Chipman, San Francisco

Advertising space in publications such as *Colliers*, the *Ladies Home Journal*, etc., is expensive; the rates are very high because the circulation is large and the demand for space is great. But these, and similar publications, use their own space to print matter referring to their own publications; also, they advertise in other publications. Why? Would they do it if it did not pay? The whole nature of the advertising business and of advertising has radically changed in the last few years. Almost every one who reads a publication of any sort, looks through the advertising pages and a majority of people read these pages carefully. It is profitable to the reader to do so. He sees many new things presented to him; he sees new statements in regard to things he has known about; he sees suggestions concerning something that directly interests him—and he has every reason to believe that the statements in the advertisements are true. Nearly all high-class magazines are very careful about the character of the advertising they publish. A few years ago the only question was whether the advertiser could pay his bills; now the question is at least as important—*is the advertiser reliable?* If you do not at least look through the advertisements in the periodicals you read, you are making a sad mistake; you are not keeping up to date. The history of to-day's passing events in the commercial world is written in the advertising pages of current periodicals. And the same thing is true in medicine; if you are not reading the advertisements in such publications as the *Journal of the A. M. A.*, and your own *JOURNAL*, you are not keeping up to date. In these medical journals, and a few others, you may be sure that no advertisement will appear that is not absolutely reliable. No medical preparation will be advertised unless it has been approved by the Council on Pharmacy and Chemistry; no house, hospital, sanitarium, manufacturer or publisher that is not known to be of good repute can buy advertising space in these journals. The manufacturer is correct in believing that the

CORINNA BORDEN KEEN RESEARCH FELLOWSHIP OF JEFFERSON MEDICAL COLLEGE.

The accumulated income of this fund now amounts to \$1,000.00. The Fellowship will be awarded by the trustees upon recommendation of the faculty to a graduate of the Jefferson Medical College of not less than one, nor more than ten years standing, upon condition that he shall spend at least one year in Europe, America, or elsewhere, wherever he can obtain the best facilities for research in the line of work he shall select, after consultation with the faculty; and that he shall publish at least one paper embodying the results of his work as the "Corinna Borden Keen Research Fellow of the Jefferson Medical College."

Address J. W. HOLLAND, Dean.

MICRO-ORGANISM FOUND IN THE BLOOD OF ACUTE CASES OF POLIOMYELITIS.*

In examining the blood from acute cases of poliomyelitis in the human beings and also in monkeys in which the disease was produced experimentally an organism was found, different in morphologic characteristics from any heretofore described which may or may not, on further investigation, prove to be the etiological factor in the causation of the disease. Blood smears being fixed in methyl alcohol for one minute and stained with carbol-thionin, the organism appears as a faintly stained blue rod with regular cell wall about 10 microns long and about 8 microns in width, curved at an angle of sixty to seventy-five degrees at one end, occasionally at both ends. At times, the curved end is bulbous. Some of the organisms appear to have a very finely granular protoplasm when the highest amplification is employed. They may be discerned by means of a 4 m.m. dry objective but their characteristics are much more satisfactorily delineated under the 1-12 oil immersion lens. They are found free in the serum as well as within the body of the red blood cell.

The organisms do not retain the violet color when stained by the method of Gram but assume the color of the counter stain which, as generally used in this laboratory, is a very dilute solution of carbol fuchsin.

The bloods examined were from ten different cases of acute poliomyelitis in children and were taken during the epidemic of last summer and autumn, and from thirteen cases of the disease during the acute stage, which had been produced experimentally in as many monkeys.

Blood smears from three normal human beings were carefully examined, and although the search for these organisms was diligently made, none were found. Smears were made from the bloods of thirteen normal monkeys with negative results. After inoculation with the virus these same monkeys gave positive results. The blood of other normal monkeys gave negative results.

Blood smears were stained with iodine and sulfuric acid in order to test the organisms for cellulose, but no blue stained organisms were seen.

Smears from the cords and brains of paralyzed monkeys and from one human case were examined, but none of the new organisms were found.

Filtered virus stained with carbol-thionin and by Gram's method showed none of these organisms.

Defibrinated blood, three weeks to two months old, from two paralyzed monkeys showed the forms in increased numbers.

Cultures made from the blood of a paralyzed monkey, in blood bouillon, plain bouillon, and blood agar, examined after having been inoculated three weeks, showed the presence of the organism in increased numbers. Dorsett's egg medium was inoculated with the same blood at the same time, but the

organism was not found in smears from the surface of the medium or from the water of condensation.

We have searched without success for moving organisms in fresh blood, in old tubes of defibrinated blood from paralyzed monkeys, in blood bouillon, plain bouillon, serum bouillon cultures three weeks old and in the condensation water in three weeks old cultures on Dorsett's egg medium under dark field illumination.

Success in isolating the organisms has not attended our efforts as yet.

SAMUEL G. DIXON, M. D.,
HERBERT FOX, M. D.,
JAMES B. RUCKER, M. D.

NEW MEMBERS.

Coppedge, W. E., Alturas.
Stratton, J. A., Newman.
Thomson, A. M., Sonoma.
Raynes, F. E., Duncan's Mills.
Weber, A. L., Cucamonga, Cal.
West, J. M., Red Bluff.
Myers, M. C., Sacramento.
Lozieaux, E. S., Sacramento.
Beattie, Hugh, Elk Grove.
Hamilton, P. L., Chico.
Mack, W. E., Paradise.
Wayland, C., San Jose.
Clark, H. H., San Jose.
Hare, Chas. B., San Jose.
Haas, S. L., San Francisco.
Macdonald, J. W., San Francisco.
Flynn, A. M., San Francisco.
Banks, Wm. H., San Francisco.
Chambers, J. D., San Diego.
Carter, R. S., San Diego.
Long, A. D., San Diego.
Thornton, C., San Diego.
Winters, W. P., San Diego.
Mann, E. C., San Diego.
Hankin, C. M., San Diego.
Hollister, J. C., Los Angeles.
Jewell, R. I., Los Angeles.
Smith, Harvey, Los Angeles.
Huntoon, A. F., Los Angeles.
Huntoon, H. A., Los Angeles.
Allen, A. B., Los Angeles.
Lowman, C. L., Los Angeles.
Gray, E., Los Angeles.
Chancellor, P. S., Los Angeles.
Skinner, C. A., Los Angeles.
Wenzlick, W., Los Angeles.
Thorpe, H. L., Los Angeles.
McCann, D. B., Los Angeles.
Thompson, E. H., Burbank, Cal.
Meyers, E. L., Chico, Cal.
Southard, W. F., San Francisco.
Woodward, A. P., San Francisco.
Rogers, T. L., Long Beach.
Derrick, Los Angeles.
Peters, L. H., Los Angeles.
Lischner, H., San Diego.
Steinle, H. F., San Diego.
McNulty, F. J., Yreka.
Sevenman, G. W., Keswick.
Nittler, A. N., Davenport.

Resigned.

Hopkins, —, Lodi.
Gilbert, E. C., Brooklyn, N. Y.
McMahon, J., San Jose.
La Spado, F., San Jose.
Atterbury, B. C., Los Angeles.
Mauzy, W. P., Los Gatos.
Ruddock, E. J., Santa Rosa.
Thiele, W. C. A., Los Angeles.

Deaths.

Metcalfe, J. A., Los Angeles.
Kraemer, Adolph, San Diego.
McMaster, A. D., Le Grande, Cal.
Shesler, J. A., San Jose.

*Commonwealth of Pennsylvania, the Department of Health, Laboratory Report. Samuel G. Dixon, M. D., LL. D., Commissioner.